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Total Number of Pages in This Submission

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Application Number

10/622,160

Filing Date

July 16, 2003

First Named Inventor

Spindler, Stephen R.

Art Unit

Examiner Name

Attorney Docket Number

023070-144900US

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form
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Firm Name

Townsend and Townsend and Crew LLP

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Printed name

Jean M. Lockyer, Ph.D.

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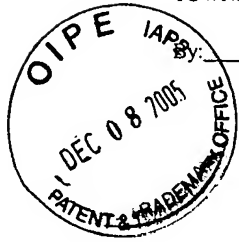
PATENT

Attorney Docket No.: 02307O-144900US

Client Reference No.: 2004-052

TOWNSEND and TOWNSEND and CREW LLP

Malinda Wajid



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephen R. Spindler and
Joseph M. Dhahbi

Application No.: 10/622,160

Filed: July 16, 2003

For: METHODS OF EVALUATING
THE DYNAMICS OF CALORIC
RESTRICTION AND IDENTIFYING
CALORIC RESTRICTION MIMETICS

Examiner:

Art Unit:

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

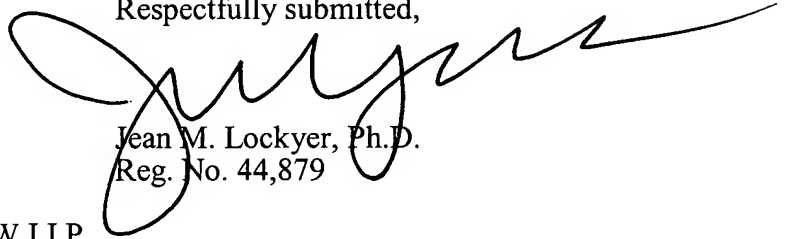
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Jean M. Lockyer', is written over the typed name and registration number.

Jean M. Lockyer, Ph.D.
Reg. No. 44,879

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JML:mcd
60650262 v1



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/622,160	
			Filing Date	July 16, 2003	
			First Named Inventor	Spindler, Stephen R.	
			Art Unit		
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	02307O-144900US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	A1	US-6,406,853	06/18/2002	Spindler, Stephen R.	
	A2	US-6,558,955	05/06/2003	Bruce S. Kristal	
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	A3	PCT	WO 01/45752	A1	06/28/2001	Regents of Univ. of California		<input type="checkbox"/>
	A4	PCT	WO 02/071874	A1	09/19/2002	Societe des Produits Nestle S.A.		<input type="checkbox"/>
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60650262 v1

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/622,160	
			Filing Date	July 16, 2003	
			First Named Inventor	Spindler, Stephen R.	
			Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	023070-144900US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A5	Affymetrix, Inc., "New statistical algorithms for monitoring gene expression on GeneChip probe arrays," Technical Notes 1.; Part No. 701097 Rev. 1 (2001)	
	A6	Cao, S.X. <i>et al.</i> , "Genomic profiling of short- and long-term caloric restriction effects in the liver of aging mice," <u>PNAS</u> , (2001) 98(53): 10630-10635	
	A7	Dhahbi, J.M. <i>et al.</i> , "Caloric intake alters the efficiency of catalase mRNA translation in the liver of old female mice," <u>J. Gerontology</u> (1998) 53: B180-185	
	A8	Dilman, V.M. and V.N. Anisimov, "Effect of treatment with Phenformin, Diphenylhydantoin or L-Dopa on life span and tumour incidence in C3H/Sn mice," <u>Gerontology</u> (1980) 26: 241-246	
	A9	Lee, C. <i>et al.</i> , "Gene expression profile of aging and its retardation by caloric restriction," <u>Science</u> (1999) 285: 1390-1393	
	A10	Mirkovic, S. <i>et al.</i> , "Attenuation of cardiac fibrosis by pirfenidone and amiloride in DOCA-sat hypertensive rats" <u>Br. J. of Pharm.</u> , (2002) 135: 961-969	
	A11	Roth, G.S., <i>et al.</i> , "Biomarkers of caloric restriction may predict longevity in humans," <u>Science</u> (2002) 297: 811	
	A12	Roth, G.S., <i>et al.</i> , "Slowing aging by caloric restriction," <u>Nature Medicine</u> (1995) 1(5): 414-415	
	A13	Teillet, L. <i>et al.</i> , "Food restriction prevents advanced glycation end product accumulation and retards kidney aging in lean rats," <u>J. Am Soc. Nephrol.</u> (2000) 11: 1488-1497	
	A14	Walford, R.L. <i>et al.</i> , "Calorie restriction in biosphere @: Alterations in physiologic, hematologic, hormonal, and biochemical parameters in humans restricted for 2-year period," <u>J. Gerontology</u> (2002) 57A(6): B211-B224	
	A15	Weindruch, R. <i>et al.</i> , "Caloric restriction mimetics: Metabolic interventions," <u>J. Gerontology</u> (2001) 56A: 20-33	
	A16	Weyer, C. <i>et al.</i> , "Energy metabolism after 2y of energy restriction: the biosphere 2 experiment," <u>Am. J. Clinic. Nutr.</u> , (2000) 72: 946-953	
	A17	Wilcoxon, F., "Individual comparisons by ranking methods," <u>Biometrics</u> (1945) 1: 80-83	

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